

*Gift to author 1875
to J. Redding*

Natural History of Reigate and its Vicinity.

L I S T

OF THE

LAND AND FRESH-WATER
MOLLUSCA.

BY

G. S. & E. SAUNDERS.

LONDON :

PUBLISHED FOR THE HOLMESDALE NATURAL HISTORY CLUB, REIGATE.

By EDWARD NEWMAN, 9, DEVONSHIRE STREET, BISHOPSGATE.

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P R E F A C E .

IN presenting to the Holmesdale Club this List of Land and Fresh-water Mollusca it must not be understood that it notes all the species indigenous to the neighbourhood. All that it professes is to give those species which have been noticed, after careful research, during the years 1859 and 1860. Several additional species will probably reward the exertions of those who will diligently take the study of our Mollusca in hand.

The arrangement and nomenclature are those used in Messrs. Forbes and Hanley's well known work on the 'British Mollusca.'

Where not stated to the contrary the localities are on the authority of the compilers of the list.

To the present time fifty-five species have been detected, belonging to the following families :—

Limacidæ	.	.	.	.	.	5
Testacellidæ	.	.	.	.	.	1
Helicidæ	29
Limnæadæ	13
Cyclostomidæ	1
Cycladidæ	2
Unionidæ	2
Paludinidæ	2
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						55

Hillfield, Reigate,

February 7, 1861.



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LIST
OF
LAND AND FRESH-WATER MOLLUSCA.

LIMACIDÆ.

Arion Empiricorum, *Ferussac.* *Forb. & Han.* vol. i. pl. DDD, fig. 1.

Very common throughout the district.

Limax agrestis, *Muller.* *Forb. & Han.* vol. i. pl. DDD, fig. 3.

Very abundant throughout the district.

Limax cinereus, *Muller.* *Forb. & Han.* vol. i. pl. DDD, fig. 2.

Wray Park.

Limax aborum, *Bouchard.* *Forb. & Han.* vol. i. pl. EEE, fig. 2.

Wray Park.

Limax Sowerbii, *Ferussac.* *Forb. & Han.* vol. i. pl. EEE, fig. 3.

Reigate Hill.

TESTACELLIDÆ.

Testacella haliotoidea, *Drap.* *Forb. & Han.* vol. i. pl. III, fig. 1.

Wray Park.

HELICIDÆ.

Vitrina pellucida, *Muller.* *Forb. & Han.* pl. 131, figs. 8, 9, 10.

Beech woods, Reigate Hill, one specimen. Beech woods, Gatton, plentiful.

Zonites cellarius, *Muller.* *Forb. & Han.* pl. 120, figs. 1, 2, 3.

Reigate Hill and Gatton Park, common under stones and dead leaves.

Zonites alliarius, *Mill.* *Forb. & Han.* pl. 120, figs. 5, 6.

Plentiful under dead leaves, &c. "In Gatton Woods."—*J. A. Brewer.*

Zonites nitidulus, *Drap.* *Forb. & Han.* pl. 120, figs. 8, 9, 10.

Reigate Hill, under stones.

Zonites crystallinus, *Muller.* *Forb. & Han.* pl. 122, figs. 1, 2.

Box trees, Gatton Park.

Helix aspersa, Muller. *Forb. & Han.* pl. 116, fig. 1.

Plentiful everywhere in the district.

Helix pomatia, Linn. *Forb. & Han.* pl. 116, fig. 2.

Common on the chalk hills.

Helix arbustorum, Linn. *Forb. & Han.* pl. 115, figs. 5, 6.

Near Flanchford, on nettles, one specimen. "Wray Park and Wray Common."—*J. A. Brewer.*

Helix cantiana, Mont. *Forb. & Han.* pl. 116, figs. 8, 9.

Common everywhere in the district.

Helix nemoralis, Linn. *Forb. & Han.* pl. 115, figs. 1—4.

Common everywhere, especially on nettles and palings.

Var. hortensis, Jeff.

Common in the district.

Helix virgata, Da Costa. *Forb. & Han.* pl. 117, fig. 10.

Common on the hills.

Helix caperata, Mont. *Forb. & Han.* pl. 117, fig. 7.

Common on palings and nettles.

Helix ericetorum, Muller. *Forb. & Han.* pl. 117, fig. 4.

Common on the chalk hills.

Helix lapicida, Linn. *Forb. & Han.* pl. 116, figs. 3, 4.

Frequent on beech trees on the Downs.

Helix rufescens, Pen. *Forb. & Han.* pl. 118, figs. 4, 7, 10.

Common under stones.

Helix hispida, Linn. *Forb. & Han.* pl. 118, figs. 1, 2, 3.

Common under stones and rubbish.

Helix sericea, Drap. *Forb. & Han.* pl. 118, figs. 5, 6.

One specimen found dead near Reigate town station.

Helix fulva, Muller. *Forb. & Han.* pl. 118, figs. 8, 9.

Gatton Park, under leaves.

Helix pulchella, Muller. *Forb. & Han.* pl. 119, figs. 8, 9, 10.

Chalk hills, under stones. "Plentiful in Buckland sand-pit."—*J. A. Brewer.*

Helix rotundata, Muller. *Forb. & Han.* pl. 119, figs. 6, 7.

Common under stones.

Bulimus obscurus, Muller. *Forb. & Han.* pl. 128, fig. 7.

Common on trees on the Downs and Gatton Woods.

Pupa umbilicata, Drap. *Forb. & Han.* pl. 129, fig. 7.

On an old wall near Reigate Heath. "Buckland sand-pit."—

J. A. Brewer.

Pupa muscorum, *Linn.* *Forb. & Han.* pl. 129, figs. 8, 9.

Common on the chalk hills, under stones.

Pupa pygmæa, *Drap.* *Forb. & Han.* pl. 130, figs. 4, 5, 6.

Boxhill and Wray Park, Reigate.

Balea fragilis, *Drap.* *Forb. & Han.* pl. 128, figs. 8, 9.

On a paling in Wray Park, one specimen.

Clausilia laminata, *Mont.* *Forb. & Han.* pl. 128, fig. 10.

Common on beech trees on the chalk hills.

Clausilia nigricans, *Maton.* *Forb. & Han.* pl. 129, figs. 1, 2.

Common on trees with *C. laminata*.

Zua lubrica, *Muller.* *Forb. & Han.* pl. 125, fig. 8.

Common under stones.

Succinea putris, *Linn.* *Forb. & Han.* pl. 131, figs. 1—5.

Common in a pond near Reigate town station.

LIMNÆADÆ.

Physa fontinalis, *Linn.* *Forb. & Han.* pl. 122, figs. 8, 9.

"Plentiful in a pond in Gatton Park."—*J. A. Brewer.*

Physa hypnorum, *Linn.* *Forb. & Han.* pl. 122, figs. 6, 7.

Plentiful in a stream on south side of Park Hill, and also at Rice Bridge.

Planorbis albus, *Muller.* *Forb. & Han.* pl. 126, figs. 1, 2.

Mill-pond near Flanchford.

Planorbis nautilus, *Linn.* *Forb. & Han.* pl. 126, figs. 6, 7.

Pond in the Castle field.

Planorbis marginatus, *Drap.* *Forb. & Han.* pl. 127, figs. 1, 2, 3.

Common in ponds throughout the district.

Planorbis vortex, *Linn.* *Forb. & Han.* pl. 127, figs. 6, 7, 8.

"In the Castle moat, Reigate."—*J. A. Brewer.*

Planorbis spirorbis, *Linn.* *Forb. & Han.* pl. 127, figs. 9, 10.

Common in ponds throughout the district.

Planorbis contortus, *Linn.* *Forb. & Han.* pl. 126, fig. 3.

Mill-pond near Flanchford, "Ditches at Woodhatch."—*J. A. Brewer.*

Limnæus pereger, *Muller. Forb. & Han.* pl. 123, figs. 3—7.

Very common in ponds throughout the district.

Limnæus auricularius, *Linn. Forb. & Han.* pl. 123, figs. 1, 2.

Abundant in a pond on Dover's Green.

Limnæus truncatulus, *Muller. Forb. & Han.* pl. 124, fig. 3.

Ditches, Wray Common. "On a wet bank in Nutley Lane."—

J. A. Brewer.

Limnæus palustris, *Linn. Forb. & Han.* pl. 124, fig. 2.

Pond on Dover's Green.

Ancylus fluviatilis, *Muller. Forb. & Han.* pl. 122, fig. 4.

Rice Bridge.—*H. W. Harrison.*

CYCLOSTOMIDÆ.

Cyclostoma elegans, *Muller. Forb. & Han.* pl. 122, fig. 3.

Very common on chalky banks.

CYCLADIDÆ.

Cyclas cornea, *Linn. Forb. & Han.* pl. 37, figs. 3—6.

Common in ponds on Dover's Green. "Pond in Gatton Park."

J. A. Brewer.

Cyclas lacustris, *Drap. Forb. & Han.* pl. 37, fig. 7.

Plentiful in a pond near Reigate town station. "Ditches near Woodhatch."—*J. A. Brewer.*

UNIONIDÆ.

Unio pictorum, *Linn. Forb. & Han.* pl. 39, figs. 1, 2.

River Mole, plentiful.

Anodonta Cygnea, *Linn. Forb. & Han.* pl. 39, fig. 3; pl. 40, figs. 2, 3; pl. 41, fig. 1.

River Mole, plentiful. "Gatton Pond, Earlswood Pond, Priory Pond."—*J. A. Brewer.*

PALUDINIDÆ.

Bithinia tentaculata, *Linn. Forb. & Han.* pl. 71, figs. 5, 6.

Common in mill-pond near Flanchford.

Valvata piscinalis, *Muller. Forb. & Han.* pl. 71, figs. 9, 10.

In mill-pond near Flanchford, three specimens.

